

Converting Colors

Android(4283004314)

Have a look what the booklet for
Android(4283004314) contains.

Android(4283004314)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4283004314)

Conversions

Conversions Part 1

Format	Color
Hex	49759A
RGB	73, 117, 154
RGB Percent	29%, 46%, 60%
CMY	0.7137, 0.5412, 0.3961
CMYK	0.53, 0.24, 0.00, 0.40
HSL	207°, 36%, 45%
HSV	207°, 53%, 60%
XYZ	14.9417, 16.4721, 32.9638
YIQ	108.0620, -38.1010, 2.1790

Conversions

Conversions Part 2

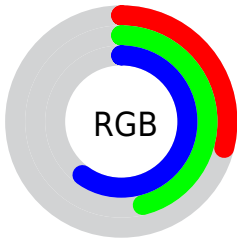
Format	Color
R_{YB}	73, 102, 154
Decimal	4814234
CIE Lab	47.59, -4.24, -24.66
CIE LCh	48, 25.020, 260.255
Yxy	16.4721, 0.2321, 0.2559
Android (android.graphics.Color)	4283004314 (0xFF49759A)
YUV	108.0620, 22.6474, -30.7494
Hunter-Lab	40.5859, -5.3106, -19.7451

Details

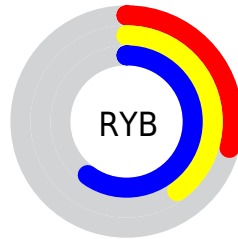
The Android color `4283004314` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4288310857`, and the grayscale version is `4285295724`.

A 20% lighter version of the original color is `4286556625`, and `4278994279` is the 20% darker color. If you saturate the color by 10%, you get `4282019482`, and if you desaturate by 10%, it is `4283989146`.

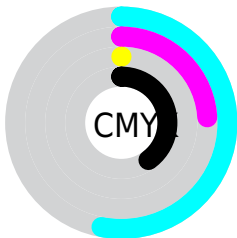
Distribution



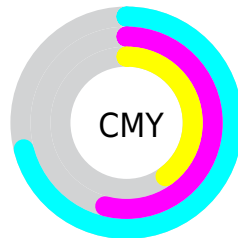
- Red (29%)
- Green (46%)
- Blue (60%)



- Red (29%)
- Yellow (40%)
- Blue (60%)



- Cyan (53%)
- Magenta (24%)
- Yellow (0%)
- Black (40%)



- Cyan (71%)
- Magenta (54%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283004314 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4283004314 by changing the saturation by 10% instead.



4283004314



4283004314

4294967295



4281228416



4286556625



4278994279



4288333037



4278202191



4290175231



4278196791



4292017663



4278190626



4293918719



4278190088



4278190080



4283004314



4283004314



4282019482



4283989146

■ 4280969114

■ 4285039514

■ 4279984282

■ 4286024346

■ 4278933914

■ 4287074714

■ 4278211738

■ 4288059546

■ 4289044378

■ 4290094746

■ 4291079578

■ 4292129946

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4281105041



4283004314



4285165208

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4283004314



4288373091



4284053845

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4283004314



4288310857

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4285625417



4283004314



4287915601

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4283004314



4288045689



4286934343



4282350697

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4283004314



4286409105



4286934343



4284577872

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4283004314



4289313737



4283013741



4283653478



4293322470



4284900966

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4283004314



4283142089



4282994074



4282730829



4278209676



4278191885

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4288301429



4291382159



4288321097



4283254089



4287365196



4279042055

Previews

White Background



This preview shows how the Android color 4283004314 looks on a white background.

Color Contrast Check

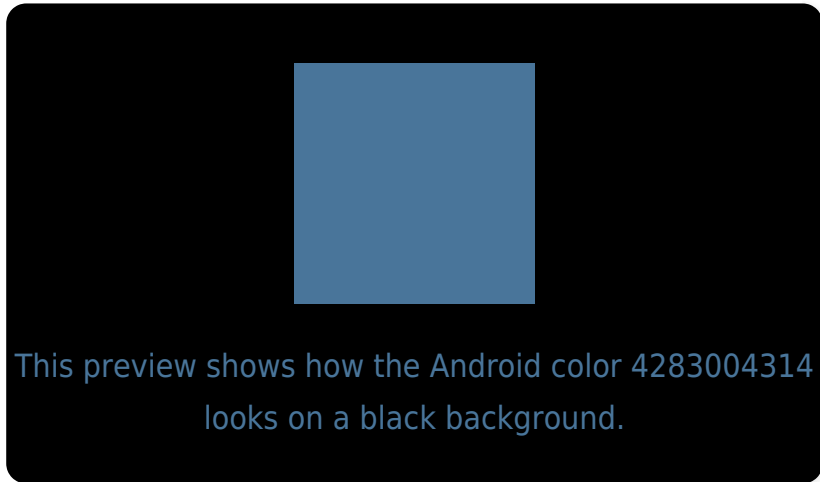
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

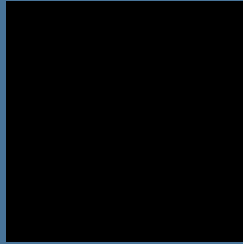
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4283004314 Background



This preview shows how black text looks on a background with the Android color 4283004314.



This preview shows how white text looks on a background with the Android color 4283004314.

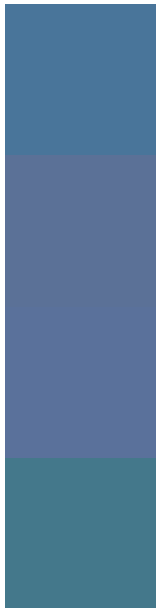
Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Trichromacy



Original Color
4283004314

Protanomaly
4284182935

Deuteranomaly
4284117403

Tritanomaly
4282677387

Monochromacy



Original Color
4283004314

Achromatopsia
4285295724

Achromatomaly
4284444541

CSS Examples

Text

The CSS property to change the color of the text to Android 4283004314 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(73, 117, 154)` looks like.

```
.text, #text, p{  
    color:rgb(73, 117, 154)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(73, 117, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 117, 154) }
```

Border

The CSS property to change the border of an element to Android 4283004314 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(73, 117, 154) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(73, 117, 154) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(73, 117, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 117, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 117, 154);  
box-shadow:4px 4px 4px 4px rgb(73, 117,  
154) }
```

Background

The CSS property to change the background color of an element to Android 4283004314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 117, 154) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(73, 117,  
154) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor